


**Sheet feed and presenting apparatus**

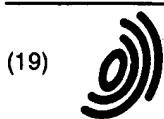
Patent Number: EP1059254  
Publication date: 2000-12-13  
Inventor(s): BROTHERSTON COLIN PETER (GB)  
Applicant(s): RUE DE INT LTD (GB)  
Requested Patent: ☐ EP1059254  
Application Number: EP20000120161 19940928  
Priority Number(s): EP19980102686 19940928; EP19940307079 19940428; GB19930020085 19930929  
IPC Classification: B65H3/10; B65H3/34  
EC Classification: B65H1/18, B65H3/10, B65H3/34  
Equivalents:  
Cited Documents: US2631851

**Abstract**

A sheet presenting assembly for presenting a stack of sheets to a sheet feed device which withdraws sheets from the stack through a sheet exit. The sheet presenting assembly comprises a base (1) on which edges of sheets are stacked in use. A support member (3) is provided at one end of the base towards which the faces of the sheets are urged by a biasing member (2). Sheets are withdrawn from the stack through a sheet exit

(7). An oscillating device oscillates the base in a horizontal plane relative to the support member. 

Data supplied from the esp@cenet database - I2



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11) **EP 1 059 254 A1**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:  
13.12.2000 Bulletin 2000/50

(51) Int. Cl.<sup>7</sup>: **B65H 3/10, B65H 3/34**

(21) Application number: **00120161.5**

(22) Date of filing: **28.09.1994**

(84) Designated Contracting States:  
**DE GB SE**

(30) Priority: **29.09.1993 GB 9320085**

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**98102686.7 / 0 861 796**  
**94307079.7 / 0 645 328**

(71) Applicant:  
**De La Rue International Limited**  
**Basingstoke, Hampshire RG22 4BS (GB)**

(72) Inventor:  
**Brotherston, Colin Peter**  
**Hants PO10 7TP (GB)**

(74) Representative:  
**Skone James, Robert Edmund**  
**GILL JENNINGS & EVERY**  
**Broadgate House**  
**7 Eldon Street**  
**London EC2M 7LH (GB)**

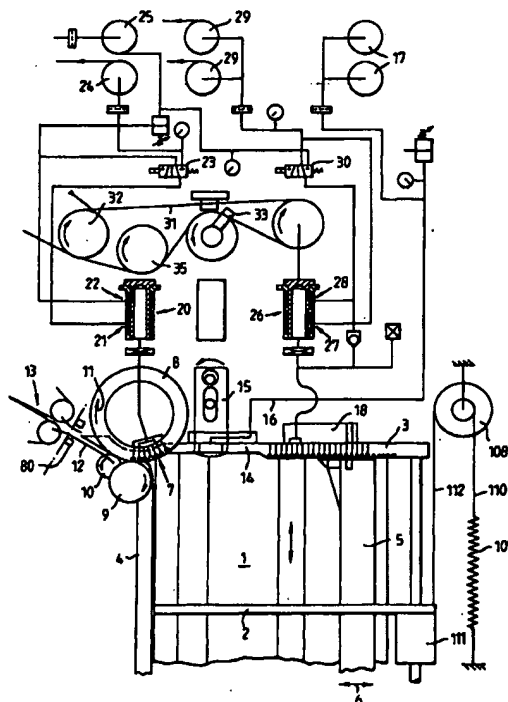
Remarks:

This application was filed on 22 - 09 - 2000 as a  
divisional application to the application mentioned  
under INID code 62.

(54) **Sheet feed and presenting apparatus**

(57) A sheet presenting assembly for presenting a  
stack of sheets to a sheet feed device which withdraws  
sheets from the stack through a sheet exit. The sheet  
presenting assembly comprises a base (1) on which  
edges of sheets are stacked in use. A support member  
(3) is provided at one end of the base towards which  
the faces of the sheets are urged by a biasing member (2).  
Sheets are withdrawn from the stack through a sheet  
exit (7). An oscillating device oscillates the base in a  
horizontal plane relative to the support member.

**Fig.1.**



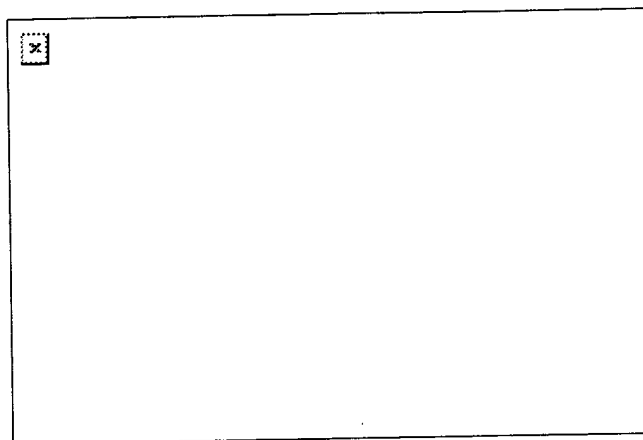
**EP 1 059 254 A1**

**Winding machine for winding strip of paper or cardboard**

**Patent number:** DE4409036  
**Publication date:** 1995-09-21  
**Inventor:** DROPCZYNSKI HARTMUT (DE)  
**Applicant:** JAGENBERG AG (DE)  
**Classification:**  
- international: B65H18/26; B65H18/16; B65H23/24; B65H18/20  
- european: B65H18/16, B65H27/00  
**Application number:** DE19944409036 19940317  
**Priority number(s):** DE19944409036 19940317

**Abstract of DE4409036**

The winding machine has a hollow carrier or support roll in which are several air passage apertures (20). There is a pressure chamber (21) inside the roll, the length of which extends at least across the min. width of the strip being unwound. A compressed air line is connected to it. There is an air outlet aperture (24) in the laying region of the winding roll (6), ie. the roll meeting point (7), the edge of which is sealed to the inside of the casing surface of the roll. The compression chamber can turn to a limited extent about the axis of the roll.



.....  
Data supplied from the esp@cenet database - Worldwide